

**DETAILED ACTION**  
**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview and fax communication with Peter Malen on June 29, 2009.

2. The application has been amended as follows:

**IN THE CLAIMS:**

Claim 1 is amended as following:

1. (Currently Amended) A receiver circuit, comprising:

an optical receiving device configured to convert a received optical data signal into an electrical signal, and further configured to output the electrical signal;

a plurality of amplifiers which are connected to the optical receiving device, wherein the plurality of amplifiers each include a supply voltage connection and at least a separate input amplifier stage and a separate output amplifier stage, wherein the input amplifier stages of the plurality of amplifiers are each coupled to the output of the optical receiving device wherein the individual amplifiers of the plurality of amplifiers are connected in parallel with one another,

and wherein the input amplifier stages of the plurality of amplifiers are only coupled to the output amplifier stage of the same individual amplifier;

a plurality of electrical switches arranged in parallel with each other, and each of which is arranged in series the electrical switches being positioned between the optical receiving device and a respective amplifier;

circuit means for individually activating and deactivating the individual amplifiers by regulating a supply voltage to each of the amplifiers or by controlling the electrical switches;

a detecting circuit for detecting a bandwidth of the electrical signal which produced by the optical receiving device; and

one or more control lines connecting the detecting circuit with the circuit means for individually activating and deactivating the individual amplifiers;

wherein the detecting circuit is configured to provide control signals to the circuit means via the one or more control lines for activating the one of the plurality of amplifiers most suited to amplify the bandwidth of the electrical signal received by the detecting circuit;

wherein the amplifiers each differ from one another in at least one parameter, and

wherein the plurality of electrical switches enable the electrical signal from the optical receiving device to be supplied to only one amplifier at a given point in time and enable supply of the electrical signal from the optical receiving device to the other amplifiers to be prevented at that given point in time.

3. The following is an examiner's statement of reasons for allowance:

Claims 1, 4, 7-9 and 11-16 are allowed since the prior art of record does not teach or suggest in combination: a receiver circuit, comprising: an optical receiving device configured to convert a received optical data signal into an electrical signal, and further configured to output the electrical signal; a plurality of amplifiers which are connected to the optical receiving device, wherein the plurality of amplifiers each include a supply voltage connection and at least a separate input amplifier stage and a separate output amplifier stage, wherein the input amplifier stages of the plurality of amplifiers are each coupled to the output of the optical receiving device wherein the individual amplifiers of the plurality of amplifiers are connected in parallel with one another, and wherein the input amplifier stages of the plurality of amplifiers are only coupled to the output amplifier stage of the same individual amplifier; a plurality of electrical switches arranged in parallel with each other, and each of the electrical switches being positioned between the optical receiving device and a respective amplifier; circuit means for individually activating and deactivating the individual amplifiers by regulating a supply voltage to each of the amplifiers or by controlling the electrical switches; a detecting circuit for detecting a bandwidth of the electrical signal which produced by the optical receiving device; and one or more control lines connecting the detecting circuit with the circuit means for individually activating and deactivating the individual amplifiers; wherein the detecting circuit is configured to provide control signals to the circuit means via the one or more control lines for activating the one of the plurality of amplifiers most suited to amplify the bandwidth of

the electrical signal received by the detecting circuit; wherein the amplifiers each differ from one another in at least one parameter, and wherein the plurality of electrical switches enable the electrical signal from the optical receiving device to be supplied to only one amplifier at a given point in time and enable supply of the electrical signal from the optical receiving device to the other amplifiers to be prevented at that given point in time.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LI LIU whose telephone number is (571)270-1084. The examiner can normally be reached on Monday-Friday, 8:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ken Vanderpuye can be reached on (571)272-3078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/L. L./  
Examiner, Art Unit 2613  
June 29, 2009

/Kenneth N Vanderpuye/  
Supervisory Patent Examiner, Art Unit 2613